

An online publication of the Public Affairs Office at Lawrence Livermore National Laboratory

Science Saturday Returns With 'Back To Nature, Down To Earth' On May 18

Our next special Science Saturday event, entitled "Back to Nature, Down to Earth," will take place at the Laboratory's Visitors Center on Saturday, May 18 from 10 a.m. to 2 p.m.



"Back to Nature, Down to Earth" will feature an exhibition by the Lindsay Wildlife Museum, demonstrations by the Laboratory's Fun with Science program, and fun and informative resources from the Laboratory's Environmental Protection Department and Energy Management Program. You can also enjoy a LEGO™ interactive robot display sponsored by the Laboratory's Engineering Directorate.

This free event, ideal for families, will offer an up-close look at nature and wildlife, as well as a unique opportunity to take part in hands-on science. Check out our Web site at http://www.llnl.gov/llnl/06news/Community/nature_expo.html for further information. We look forward to seeing you on May 18!

LLNL Distinguished Lecturer Comes To Livermore

LLNL Distinguished lecturer Christopher Chyba, Carl Sagan Chair for the Study of Life in the Universe at the SETI Institute, will be giving a talk on astrobiology entitled, "The Search for Life in the Solar System," on May 16 at 7 p.m. in the Livermore High School auditorium. Community members of all ages are welcome to this free, public event.



Dr. Christopher Chyba



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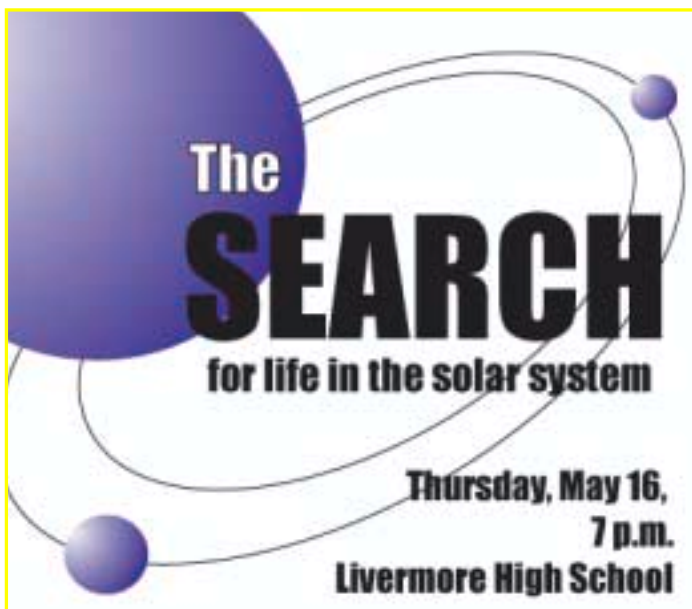


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May 2002



The SETI (Search for Extraterrestrial Intelligence) Institute, located in Mountain View, is dedicated to exploring, understanding and explaining the origin, nature, prevalence and distribution of life in the universe. Past Institute projects have received support from NASA Ames Research, NASA Headquarters, the National Science Foundation, the Department of Energy, the

U.S. Geological Survey, the Jet Propulsion Laboratory and numerous other public and private sector sponsors.

Dr. Chyba is also co-Director of the Center for International Security and Cooperation at Stanford University, and is an associate professor with Stanford University's Department of Geological and Environmental Sciences.

For more on Dr. Chyba's lecture go to http://www.llnl.gov/llnl/06news/Community/chyba_talk.html

Laboratory Begins New Tour Program

The Laboratory's Public Affairs Office is now offering a new, expanded tour of the Laboratory that will include stops at the Biology & Biotechnology Research Program, the National Atmospheric Release Center and the Accelerated Strategic Computing building.

Let us hear from you

Contacts:

Community
Relations Manager

Barry Schrader
(925) 423-3567,
schrader2@llnl.gov,

• • • • •

Community
Relations Officer

Scott Wilson
(925) 423-3125,
wilson101@llnl.gov

• • • • •

Community
Relations Officer

Christine Mixan
(925)-422-3138,
mixan1@llnl.gov.

• • • • •

Visitors Center

Coordinator

Linda Lucchetti
(925) 4225815
lucchetti1@llnl.gov

The two-hour tour will be offered on Tuesdays and Thursdays at 10 a.m. Participants must register in advance. Special tours can also be arranged for groups of eight or more with two weeks' advance notice. All tours are free.

For more information on the new tour program go to www.llnl.gov/pao.



Take
a TOUR

Laboratory Holds Groundbreakings

Congresswoman Ellen Tauscher, Director Bruce Tarter, UC Vice-President for Laboratory Management John McTague, and others took part in groundbreaking ceremonies for two new Laboratory facilities on April 4.

The Nonproliferation, Arms Control and International Security (NAI) Directorate's planned International Security Research Facility will house NAI's International Assessments Program, and other related programs conducting counterproliferation research and analysis for the U.S. intelligence community. "Just as the Laboratory helped the nation win the Cold War, this facility will enable the Lab to help the nation win the war on terrorism," said Congresswoman Tauscher in her remarks at the ceremony.

The Terascale Simulation Facility, which will be utilized by both the Computations and Defense and Nuclear Technologies Directorates, will house advanced supercomputers that will help further the Laboratory's simulation efforts as part of its Stockpile Stewardship Program. Presiding over the groundbreaking ceremony, Director Tarter noted that the Laboratory has been at the forefront of supercomputing most of its 50 years, and has excelled at applying supercomputer simulations to the nuclear weapons program under

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May 2002



Groundbreakings were recently held for the International Security Research Facility (left) and the Terascale Simulation Facility (right).

the Advanced Simulation and Computing program. "The computers that will go into this building are at the heart and soul of continuing to do that job in the future," said Tarter.

For more on the groundbreakings see **Recent Headlines** below.

Teacher, Student Education Opportunities At Laboratory

Teachers and high school students can take advantage of free science and technology workshops offered this summer by the Laboratory's Science & Technology Education Program and the University of California's Edward Teller Education Center.

A Technology Workshop for educators, a Teacher Research Academy, and a Student Research Academy are three programs available in July. Each program will emphasize skill development, and will involve "hands-on" learning activities. Applications are now available at <http://education.llnl.gov>.

For more information go to
<http://www.llnl.gov/llnl/06news/NewsReleases/2002/NR-02-04-05.html>

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wilson101@llnl.gov



May 2002

Laboratory 'Contributing To A Better Community'

A new Laboratory publication, entitled *Contributing to a Better Community*, is now in print. This 25-page publication describes the Laboratory's many and varied interactions with the surrounding community. It is available at the Laboratory's Community Relations Webpage <http://www.llnl.gov/llnl/06news/community.html>, or directly in .pdf format at <http://www.llnl.gov/llnl/06news/handouts/Communit.pdf>

If you have any questions about this publication, please feel free to contact the Public Affairs Office at 925-423-3125.



Laboratory Neighbors Meeting Feedback



ty issues here at the Laboratory. Several of the 150 attendees submitted questions to the senior lab managers present. In this, and subsequent Community Newsletters, we will provide responses to some of those questions.

Question:

Are you certain there are no terrorists employed at the Laboratory?

On January 31 the Laboratory hosted an informational meeting for its closest neighbors. The primary purpose of this meeting was to inform them about security

We Want Your Ideas

Your ideas on how we can improve this newsletter, or our Laboratory programs, are welcomed.

Please forward any comments or questions you may have to Scott Wilson (925) 423-3125, wilson101@llnl.gov.



Answer: All Laboratory employees are subjected to in-depth background investigations to provide assurance of their identity, trustworthiness and loyalty prior to being granted access to sensitive areas. In addition to background investigations, Laboratory employees in most sensitive areas must be enrolled in a Human Reliability Program and many are subject to periodic polygraph examinations, all of which serve to provide confidence in our workforce.

New Laboratory 50th Anniversary Website



The Royston Study, a 1968 long-range development plan for the Lab's site.

A new Website featuring a comprehensive timeline of the Laboratory's history is now available online. The timeline, arranged by decade, includes a variety of pictures, stories, news articles and quicktime movies on the people and events that have shaped the Laboratory over the

past half-century. To view this fact-filled Website go to www.llnl.gov/timeline.

Laboratory Visitors Center and Tours

Please stop by our Visitors Center to learn more about the Laboratory's mission and programs. The Visitors Center is located on Greenville Road at the Eastgate entrance to the Laboratory. It is open Monday-Friday, 1-4 p.m.



For more information on the Visitors Center or our new tour program go to www.llnl.gov/pao, or call (925) 422-4599.

Laboratory TV Show

"Technology Today," a television program designed to help inform our neighbors about activities at Lawrence Livermore National Laboratory, airs each Monday evening at 8:30 on the Tri-Valley's community television station, Channel 30. If you have a topic that you'd like to see discussed on "Technology Today," please call (925) 424-4822.

Recent Headlines

You may be interested in these recent articles from the Laboratory's weekly newspaper, Newslines.

These stories can be viewed by visiting the Public Affairs Website at

<http://www.llnl.gov/llnl/06news/Employee/2001index.html>

Call or e-mail us if you would like more information.



- Groundbreaking day for Lab programs (April 5, 2002)
- Local fair winners head for international competition (April 5, 2002)
- UC committee to begin interviews for Lab's next director later this month (April 12, 2002)
- Jolt of energy for fusion research (April 12, 2002)
- High-pressure hydrogen sheds light on Jupiter (April 19, 2002)
- Scientists complete laser link between Lab, Mount Diablo (April 26, 2002)
- Lab receives Family Friendly award (April 26, 2002)

